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The EDITH *and* LORNE PIERCE
COLLECTION *of* CANADIANA



Queen's University at Kingston

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LAKE ST PETER

Montreal

Sorel

Yamaska

S. Francois
du Lac.

Baie du Fobvre

Nicoll

Berthier

S. Lambert

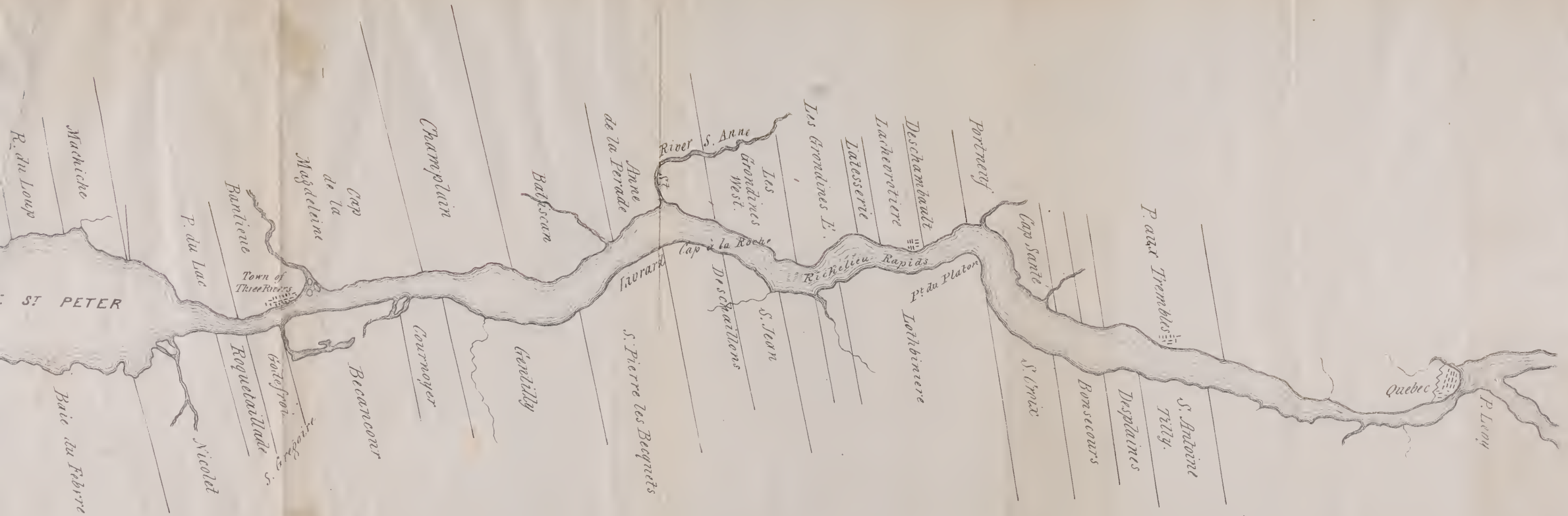
S. Barthélemi

Mesquinonge

R. du Loup

Machiche

P. du Lac



P. L. Morin,
S. Draughtsman, C.L.D.

RETURN

TO AN ADDRESS of the Honorable the Legislative Assembly of the 9th day of November, 1852, respecting the improvements made on the Ottawa River and its Tributaries, by private enterprize in connection with the Timber Trade.

A. N. MORIN,
Secretary.

Secretary's Office,
Quebec, 28th May, 1853.

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QUEBEC, 24th May, 1853.

SIR,—I have the honor of submitting herewith a Return of Expenditure by private Individuals on Improvements to facilitate the descent of Timber, and in Saw Mills, on the Ottawa and its Tributaries, as required by Resolution of the Legislative Assembly.

This Return can only be considered as an approximation. There are several parties from whom no information has been obtained as to their improvements, and others whose statements are deficient and imperfect.—Some have, no doubt, over-estimated their expenditure, and others have not been able to give theirs fully, from not having kept separate account of it in their business. For these reasons this Return may not afford a very correct comparison of the expenditure by the parties, or of the present value of their Saw Mills, but the total may be considered as being rather under than over the real amount of expenditure in Improvements and Saw Mills taken together.

The amount of expenditure exhibited for Improvements for the descent of Timber is £151,847 7s., and for Saw Mills £179,876 5s. 3d., in all £331,723 12s. 3d.

The expenditure of parties in making farms in connection with lumbering establishments is not included in this Return, as it would be difficult to draw a line of distinction between them and ordinary farms. The expenditure for lumbering farms, if ascertained, would probably make an addition, to the above amount, of £25,000.

In explanation of the nature and importance of Improvements for the descent of Timber, I beg to refer to the Appendices accompanying this Return, especially to the letter of Messrs. J. Egan & Co., (Appendix H.), in which the very beneficial effect of lumbering establishments in the encouragement of Agriculture in the Ottawa Country is briefly and conclusively exhibited.

I have the honor to be,  
With great respect, Sir,  
Your very obedient servant,

A. J. RUSSELL,

The Honorable  
The Commissioner of Crown Lands.

RECAPITULATION of Expenditure, by private Individuals, in Improvements to facilitate the descent of Timber, and in Saw Mills, on the Ottawa and its Tributaries.

| Parties by whom the Improvements were made, or are now owned. | Slides, Dams, Booms, &c. |        |    | Saw Mills. |       |          | Total by each Party. |        |        |    |   |
|---------------------------------------------------------------|--------------------------|--------|----|------------|-------|----------|----------------------|--------|--------|----|---|
|                                                               | Cost.                    |        |    | No.        | Cost. |          |                      |        |        |    |   |
|                                                               | £                        | s.     | d. |            | £     | s.       | d.                   | £      | s.     | d. |   |
| Adams, Saml. ....                                             |                          |        |    | 1          | 450   | 0        | 0                    | 450    | 0      | 0  |   |
| Atkinson, .....                                               |                          |        |    | 1          | 2000  | 0        | 0                    | 2000   | 0      | 0  |   |
| Browne, D. T. ....                                            | 1367                     | 0      | 0  | 3          | 400   | 0        | 0                    | 1767   | 0      | 0  |   |
| Burritt, Stephen .....                                        |                          |        |    | 2          | 900   | 0        | 0                    | 900    | 0      | 0  |   |
| Bowman, Baxter .....                                          | 19810                    | 0      | 0  | 3          | 9250  | 0        | 0                    | 29060  | 0      | 0  |   |
| Bryson, Dickson, and others.....                              | 819                      | 0      | 0  |            |       |          |                      | 819    | 0      | 0  |   |
| Byers, Wm. ....                                               | 1000                     | 0      | 0  |            |       |          |                      | 1000   | 0      | 0  |   |
| Bellows, C. S. ....                                           |                          |        |    | 1          | 750   | 0        | 0                    | 750    | 0      | 0  |   |
| Brizard, L. ....                                              |                          |        |    | 2          | 950   | 0        | 0                    | 950    | 0      | 0  |   |
| Cooke, A. ....                                                |                          |        |    | 1          | 5000  | 0        | 0                    | 5000   | 0      | 0  |   |
| Contlée, L. M.,.....                                          |                          |        |    | 1          | 2000  | 0        | 0                    | 2000   | 0      | 0  |   |
| Cameron, J. A.....                                            | 200                      | 0      | 0  | 1          | 2500  | 0        | 0                    | 2700   | 0      | 0  |   |
| Conroy, R. ....                                               | 2121                     | 6      | 9  |            |       |          |                      | 2121   | 6      | 9  |   |
| Corcoran, Thos. ....                                          | 1275                     | 0      | 0  |            |       |          |                      | 1275   | 0      | 0  |   |
| Carmichael, H.....                                            | 1037                     | 17     | 10 |            |       |          |                      | 1037   | 17     | 10 |   |
| Carmichael and others. ....                                   | 984                      | 8      | 5  |            |       |          |                      | 984    | 8      | 5  |   |
| Dunning, G. G. ....                                           | 200                      | 0      | 0  | 2          | 1025  | 0        | 0                    | 1225   | 0      | 0  |   |
| Daniel and Babcock. ....                                      |                          |        |    | 1          | 500   | 0        | 0                    | 500    | 0      | 0  |   |
| Egan, J. & Co... ..                                           | 25775                    | 2      | 6  | 3          | 5051  | 5        | 3                    | 30826  | 7      | 9  |   |
| Gilmour & Co.....                                             | 26343                    | 0      | 0  | 2          | 32500 | 0        | 0                    | 58843  | 0      | 0  |   |
| Haggart, J. ....                                              | 260                      | 0      | 0  | 1          | 400   | 0        | 0                    | 660    | 0      | 0  |   |
| Hamilton Brothers .....                                       | 33428                    | 10     | 0  | 3          | 86200 | 0        | 0                    | 119628 | 10     | 0  |   |
| McDonell, A. R. ....                                          |                          |        |    | 1          | 300   | 0        | 0                    | 300    | 0      | 0  |   |
| McCaul, A. and J. ....                                        |                          |        |    | 1          | 1000  | 0        | 0                    | 1000   | 0      | 0  |   |
| McArthur, A. ....                                             | 825                      | 0      | 0  |            |       |          |                      | 825    | 0      | 0  |   |
| McDonell, A. ....                                             | 2868                     | 11     | 6  |            |       |          |                      | 2868   | 11     | 6  |   |
| McKay, Hon. Thos. ....                                        | 1000                     | 0      | 0  | 1          | 4000  | 0        | 0                    | 5000   | 0      | 0  |   |
| McNab, B. and C. ....                                         | 120                      | 0      | 0  | 1          | 2500  | 0        | 0                    | 2620   | 0      | 0  |   |
| Morris, Wm. ....                                              | 1300                     | 0      | 0  |            |       |          |                      | 1300   | 0      | 0  |   |
| Mair, H. and J. ....                                          | 25                       | 0      | 0  |            |       |          |                      | 25     | 0      | 0  |   |
| McArthur, Don'd.....                                          |                          |        |    | 1          | 700   | 0        | 0                    | 700    | 0      | 0  |   |
| McMartin, P. ....                                             | 2000                     | 0      | 0  | 1          | 4000  | 0        | 0                    | 6000   | 0      | 0  |   |
| McCrea, Gerrard .....                                         | 2000                     | 0      | 0  |            |       |          |                      | 2000   | 0      | 0  |   |
| McGoey, Thos. (now owned by G. B. Hall) .....                 | 4000                     | 0      | 0  |            |       |          |                      | 4000   | 0      | 0  |   |
| Poupore, J. B. ....                                           | 1200                     | 0      | 0  | 2          | 1150  | 0        | 0                    | 2350   | 0      | 0  |   |
| Perkins, J. ....                                              |                          |        |    | 1          | 5000  | 0        | 0                    | 5000   | 0      | 0  |   |
| Ritchey, A. M. ....                                           | 35                       | 0      | 0  |            |       |          |                      | 35     | 0      | 0  |   |
| Radford, Wm. ....                                             |                          |        |    | 1          | 600   | 0        | 0                    | 600    | 0      | 0  |   |
| Robertson, P. ....                                            | 50                       | 0      | 0  |            |       |          |                      | 50     | 0      | 0  |   |
| Russell, Austin .....                                         | 100                      | 0      | 0  |            |       |          |                      | 100    | 0      | 0  |   |
| Skead, J. ....                                                | 4337                     | 10     | 0  |            |       |          |                      | 4337   | 10     | 0  |   |
| Sundry Persons. River Coulonge .....                          | 1300                     | 0      | 0  |            |       |          |                      | 1300   | 0      | 0  |   |
| Stewart, Wm. ....                                             | 1150                     | 0      | 0  |            |       |          |                      | 1150   | 0      | 0  |   |
| Symmes, C. C.....                                             | 1500                     | 0      | 0  |            |       |          |                      | 1500   | 0      | 0  |   |
| Sparks, N. ....                                               |                          |        |    | 1          | 4000  | 0        | 0                    | 4000   | 0      | 0  |   |
| Tyrone, J. ....                                               |                          |        |    | 1          | 450   | 0        | 0                    | 450    | 0      | 0  |   |
| Thomson, J. ....                                              |                          |        |    | 1          | 3000  | 0        | 0                    | 3000   | 0      | 0  |   |
| Wright, C. C. and R. ....                                     | 1160                     | 0      | 0  |            |       |          |                      | 1160   | 0      | 0  |   |
| Wadsworth, J. ....                                            | 485                      | 0      | 0  |            |       |          |                      | 485    | 0      | 0  |   |
| Wadsworth, J. and others .....                                | 1995                     | 0      | 0  |            |       |          |                      | 1995   | 0      | 0  |   |
| Wright, A., &c. ....                                          |                          |        |    |            |       |          |                      |        |        |    |   |
| Wm. Farmer .....                                              | 9775                     | 0      | 0  | 2          | 3300  | 0        | 0                    | 13075  | 0      | 0  |   |
| Totals.....                                                   | £                        | 151847 | 7  | 0          | 43    | 179876   | 5                    | 3      | 331723 | 12 | 3 |
| Improvements for the descent of Timber ... ..                 |                          |        |    |            |       | £151,847 | 7                    | 0      |        |    |   |
| Saw Mills. . . . .                                            |                          |        |    |            |       | 179,876  | 5                    | 3      |        |    |   |
| Total ... ..                                                  |                          |        |    |            |       | £331,723 | 12                   | 3      |        |    |   |

Note.—This Return can only be considered as an approximation. There are several parties from whom no information as to their improvements has been obtained. Some may have overestimated their expenditure, and others have not been able to give theirs fully from not having kept separate account of it in their business.

The expenditure in making farms in connection with lumbering establishments is not included, as many of them could not be distinguished from ordinary farms. The amount expended in lumbering farms, if ascertained, would probably make an addition to this Return, of £25,000.

Quebec, 21st May, 1853.

A. J. RUSSELL.



RETURN of Improvements made, by private Individuals, on the Ottawa, and its Tributaries, to facilitate the descent of Timber; and of Saw Mill Establishments thereon, exhibiting the probable cost; as required by Resolution of the Legislative Assembly.

| By whom owned.                   | By whom made.   | When constructed or effected. | Description of Improvement or Saw Mill.                                           | Locality.                   | Cost. |       | Totals. |       | Remarks.                                                                                                                                                                  |
|----------------------------------|-----------------|-------------------------------|-----------------------------------------------------------------------------------|-----------------------------|-------|-------|---------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                 |                               |                                                                                   |                             | £     | s. d. | £       | s. d. |                                                                                                                                                                           |
| D. T. Brown                      | John Paris      | 1842                          | Saw Mill, with one Saw                                                            | Waba Creek, McNab...        | 150   | 0 0   | 400     | 0 0   | Mr. Brown complains that owing to the land having been purchased by others, he has now to pay shledge to them for the passing of his Timber through his own improvements. |
| "                                | T. G. Baker     | 1850                          | Saw Mill, with one Saw                                                            | do Pakenham...              | 100   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | A. McNab        | 1850                          | Saw Mill, with one Saw                                                            | do McNab ...                | 150   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | W. and J. Yuill | 1841                          | Dam and Slide, Lot No. 7, 4th Concession                                          | McNab ...                   | 110   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1841                          | Dam and Slide, Lot No. 23, 1st Concession                                         | Pakenham ...                | 490   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | A. Wilson       | 1845                          | Dam across outlet of Waba Lake, Lot 6, 3rd Con.                                   | McNab ...                   | 160   | 0 9   |         |       |                                                                                                                                                                           |
| "                                | do              | 1845                          | Dam and Slide                                                                     | do                          | 75    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1845                          | Dam and Slide, Lot No. 8, 4th Concession                                          | do                          | 60    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | David T. Brown  | 1846                          | Dam and Slide                                                                     | do                          | 25    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1846                          | Dam and Slide                                                                     | do                          | 125   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1846                          | Dam and Slide                                                                     | do                          | 75    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1850                          | Dam and Slide                                                                     | do                          | 140   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1850                          | Dam and Slide, 1st Concession                                                     | Pakenham                    | 20    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1851                          | 2 Dams, on McVill's Creek                                                         | Bagot, Madawaska            | 75    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1852                          | 3 Slide Dams                                                                      | Clyde, Darling, Mississippi | 12    | 0 0   | 1367    | 0 0   |                                                                                                                                                                           |
| C. C. Wright, & R. Wright, Jr... | C. C. Wright    | 1834                          | Slide, on Round Lake                                                              | Gatineau River              | 300   | 0 0   | 1767    | 0 0   |                                                                                                                                                                           |
| "                                | R. Wright, Jr.  | 1846                          | Slide, (Rebuilt) do                                                               | do                          | 180   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | C. C. Wright    | 1835                          | Slide, Pemehonggo Lake                                                            | River Gatineau              | 200   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | R. Wright, Jr.  | 1847                          | Slide, (Rebuilt) do                                                               | do                          | 110   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1847                          | Dam on do across Subterranean Passage.                                            | do                          | 60    | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1847                          | Slide, on Bear Creek and Clearing Creek, Grand L.                                 | do                          | 220   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1845                          | Clearing Creek, outlet of Grand Lake                                              | do                          | 90    | 0 0   |         |       |                                                                                                                                                                           |
| R. Conroy, and others.           | R. Conroy       | 1840                          | Madawaska River, in connection with others, Dams, Slides, Booms, Piers, &c. &c.   | River Madawaska             | 869   | 10 5  | 1160    | 0 0   |                                                                                                                                                                           |
| "                                | do              | 1840                          | Slide, Dam, Piers and Booms, Papineau's Creek.                                    | do                          | 345   | 3 6   |         |       |                                                                                                                                                                           |
| "                                | do              | 1840                          | Booms, Dam, Piers, &c., York Branch...                                            | do                          | 406   | 2 10  |         |       |                                                                                                                                                                           |
| "                                | do              | 1840                          | elasting, cutting flood Wood Jam, and clearing the River, as well as joining Dams | do York Branch              | 380   | 0 0   |         |       |                                                                                                                                                                           |
| "                                | do              | 1852                          | Chalk River, in connection with others...                                         | Chalk River                 | 120   | 10 0  | 2121    | 6 9   |                                                                                                                                                                           |
| John Haggart                     | John Haggart    | 1832                          | Saw Mill, with 2 Saws, capable of cutting 3000 logs, Standard                     | Perth                       | 400   | 0 0   |         |       |                                                                                                                                                                           |

RETURN of the Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.      | By whom made.       | When con-<br>structed or<br>effected. | Description of Improvements<br>or<br>Saw Mill.                                                                                                     | Locality.                                    | Cost.                         | Totals.  | Remarks.                          |
|---------------------|---------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|----------|-----------------------------------|
|                     |                     |                                       |                                                                                                                                                    |                                              | £ s. d.                       | £ s. d.  |                                   |
| John Haggart        | John Haggart        | 1832                                  | Dam and Slide, renewed three times to date                                                                                                         | } River Tay, Rideau ..                       | 200 0 0                       | 2660 0 0 | *Deducted in re-<br>capitulation. |
|                     | "                   | 1832                                  | Dam and Slide, at the outlet of Bob's Lake                                                                                                         |                                              | 30 0 0                        |          |                                   |
|                     | "                   | 1832                                  | Rooms                                                                                                                                              |                                              | 30 0 0                        |          |                                   |
| Caleb S. Bellows... | M. T. Reed          | 1832                                  | Capital invested in Mill Site                                                                                                                      |                                              | *2000 0 0                     |          |                                   |
|                     |                     | 1852, 53                              | Saw Mill, with three Saws, capable of cutting<br>6000 logs, Standard                                                                               | Westmeath ...                                | 750 0 0                       | 750 0 0  |                                   |
| A. M. Riehey        | A. M. Riehey        | 1852                                  | Dam on Fall River or South Branch of the<br>Mississippi, 10th Concession                                                                           | Bathurst ...                                 | 10 0 0                        | 35 0 0   |                                   |
|                     | "                   | 1852                                  | Slide do in 10th Concession                                                                                                                        | Bathurst ...                                 | 10 0 0                        |          |                                   |
|                     | "                   | 1852                                  | Slide on do in the 4th or 5th Concession                                                                                                           | Oso ...                                      | 15 0 0                        |          |                                   |
| John Egan & Co.     | Thomas<br>Corcorans | 1841                                  | Blasting and improving the Channel Castor North<br>Branch of the ...                                                                               | River Nation ...                             | 15 0 0                        | 1275 0 0 |                                   |
|                     |                     | 1841 &<br>1842, 43                    | { 9 Slides, on a Tributary of the Ottawa, (then<br>called Grant's Limits.)                                                                         | Grant's Creek                                | 1000 0 0                      |          |                                   |
|                     |                     | 1844                                  | Slide at the mouth of the Perche, also blasting,<br>Dams, Booms, &c.                                                                               | Peché ...                                    | 195 0 0                       |          |                                   |
|                     |                     | 1844                                  | Dam at the mouth of                                                                                                                                | Perrault's Lake                              | 65 0 0                        |          |                                   |
| Arthur<br>McArthur  | Arthur<br>McArthur  | 1840                                  | Slides, Dams and Piers on Constance Creek, }<br>running through the ...                                                                            | Townships of Bagot,<br>Blithfield & Admasion | 600 0 0                       | 825 0 0  |                                   |
|                     |                     | 1842                                  | Keeping the above in repairs for 10 years, at<br>£15 per year                                                                                      | ... ..                                       | 150 0 0                       |          |                                   |
|                     |                     | 1845                                  | Paid for Madawaska Improvements, above the<br>High Falls                                                                                           | R. Madamaska                                 | 50 0 0                        |          |                                   |
| Hamilton Bros.      | Hamilton & Low      | 1852                                  | Paid for Madawaska Improvements, above the<br>High Falls                                                                                           | R. Madawaska                                 | 25 0 0                        | 825 0 0  |                                   |
|                     |                     |                                       | Saw Mill, with 100 Saws, capable of cutting<br>80,000 logs, Standard                                                                               | Hawkesbury ...                               | 75000 0 0                     |          |                                   |
|                     |                     |                                       | Loss of Main Boom, at mouth of river ...<br>Chains at various times, and now in use ...<br>Additional outlay at above Boom and Shore<br>Fasis, &c. | } R. Gatineau                                | 400 0 0<br>300 0 0<br>200 0 0 |          |                                   |

| By whom owned. | By whom made. | When constructed or effected. | Description of Improvement, or Saw Mill.                                                                                                                                                  | Locality.              | Cost. |       | Totals. |       | Remarks. |
|----------------|---------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-------|---------|-------|----------|
|                |               |                               |                                                                                                                                                                                           |                        | £     | s. d. | £       | s. d. |          |
|                |               | 1852.                         | Opening a road from Meaches to H. and L's Lower Farm, a distance of 25 miles, with Sun-dry Bridges made ... ..                                                                            | R. Gatineau ...        | 100   | 0 0   |         |       |          |
|                |               |                               | Making a road from line of Hull Township to H. and L's Upper Farm, a distance of 40 miles                                                                                                 | " ...                  | 250   | 0 0   |         |       |          |
|                |               |                               | Stagg Creek Bridge, erected on above route ...                                                                                                                                            | " ...                  | 60    | 0 0   |         |       |          |
|                |               |                               | La Peche Bridge, twice erected ...                                                                                                                                                        | " ...                  | 60    | 0 0   |         |       |          |
|                |               |                               | A road from H. and Low's Upper Farm to C. C. Wright's Farm, a distance of 16 miles ...                                                                                                    | " ...                  | 100   | 0 0   |         |       |          |
|                |               |                               | A Slide on the Kazabazua, 600 feet long, with a dam at head of same ...                                                                                                                   | Kazabazua, Gatineau... | 500   | 0 0   |         |       |          |
|                |               |                               | Slides on Eagle and Hibon, and blasting rocks..                                                                                                                                           | Eagle R., do ...       | 250   | 0 0   |         |       |          |
|                |               |                               | 3 Slides with Dams adjacent to Round's Lake, on the East side of the ...                                                                                                                  | River Gatineau ...     | 250   | 0 0   |         |       |          |
|                |               |                               | Excavating at the Mountain ...                                                                                                                                                            | " ...                  | 50    | 0 0   |         |       |          |
|                |               |                               | Cascades the blasting at that place ...                                                                                                                                                   | " ...                  | 25    | 0 0   |         |       |          |
|                |               |                               | Slide below Brigham's Inn, with substantial pieces thereto, also conducting Booms leading to same, with Sundry rock excavation, including a large glancing Pier Point below the Slide ... | " ...                  | 1750  | 0 0   |         |       |          |
|                |               |                               | Excavating and blasting, and clearing the Road leading up the Peche ...                                                                                                                   | R. Pickanock do ...    | 175   | 0 0   |         |       |          |
|                |               |                               | Road leading up the Peche ...                                                                                                                                                             | R. Peche do ...        | 75    | 0 0   |         |       |          |
|                |               |                               | Road leading up the Peche ...                                                                                                                                                             | R. Pickanock do ...    | 65    | 0 0   |         |       |          |
|                |               |                               | Blasting at the Poughan Chute ...                                                                                                                                                         | River Gatineau ...     | 50    | 0 0   |         |       |          |
|                |               |                               | Blasting and rock excavating and clearing 25 miles of River Peche ...                                                                                                                     | " ...                  | 250   | 0 0   |         |       |          |
|                |               |                               | Erecting 6 Dams to make rapids navigable on River Peche ...                                                                                                                               | R. Peche do ...        | 350   | 0 0   |         |       |          |
|                |               |                               | Blasting and rock excavating on Stagg Creek ...                                                                                                                                           | R. Peche do ...        | 50    | 0 0   |         |       |          |
|                |               |                               | Erecting 2 Dams on Stagg Creek ...                                                                                                                                                        | " ...                  | 125   | 0 0   |         |       |          |
|                |               |                               | Lengthening and repairing old Slide at C. C. Wright's Mills ...                                                                                                                           | Stagg Creek do ...     |       |       |         |       |          |
|                |               |                               | Blasting and building a Dam on a Tributary Creek ...                                                                                                                                      | Gatineau ...           | 30    | 0 0   |         |       |          |
|                |               |                               | 7 Lumbering Farms, containing about 1250 acres of clearer lands, at \$10...                                                                                                               | " ...                  | 50    | 0 0   |         |       |          |
|                |               |                               |                                                                                                                                                                                           | " ...                  | *3125 | 0 0   |         |       |          |

\*Deducted in recapitulation.

Hamilton, Bros:.... Hamilton, Bros:....

RETURN of Improvements made, by private Individuals, on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.              | By whom made.                 | When constructed. | Description of Improvement or Saw Mill.                                                                            | Locality.                    | Cost. |       | Totals. |         | Remarks.                                  |  |
|-----------------------------|-------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------|-------|-------|---------|---------|-------------------------------------------|--|
|                             |                               |                   |                                                                                                                    |                              | £     | s. d. | £       | s. d.   |                                           |  |
| Hamilton, Bros;...          | Hamilton, Bros;...            | 1828              | Value of Building on said Farms                                                                                    | Gatineau                     | 1250  | 0 0   |         |         |                                           |  |
|                             |                               |                   | Paid as subscription towards the erection of Bridges, the last two years, besides Statute Labour on Gatineau roads | ...                          |       |       |         |         |                                           |  |
|                             |                               |                   | Slides, Dams, Piers, Booms, excavations, blasting and other improvements on the                                    | ...                          | 22    | 10 0  |         |         |                                           |  |
|                             |                               |                   | Blasting on the Long Saut Rapids                                                                                   | River Rouge                  | 500   | 0 0   |         |         |                                           |  |
|                             |                               |                   | 2 Dams on the 2nd Chute of the...                                                                                  | ...                          |       |       |         |         |                                           |  |
|                             |                               |                   | Blasting on the 3rd do                                                                                             | River Bonnechere             | 20    | 0 0   | 904     | 12 10 0 |                                           |  |
|                             |                               |                   | Dam at the Cedars and Cascades                                                                                     | do                           | 15    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Slide on the 1st Chute                                                                                             | ...                          | 10    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Slide on the 2nd Chute                                                                                             | ...                          | 30    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Dam on the 3rd Chute                                                                                               | ...                          | 50    | 0 0   |         |         |                                           |  |
| J. Wadsworth.....           | Jas. Wadsworth                | 1836              | Boom and Dam on the 4th Chute                                                                                      | ...                          | 30    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Blasting at Brewster's Rapids                                                                                      | ...                          | 30    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Dams and Booms at the Cedars and Cascades                                                                          | ...                          | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Clearing, Jams, Slides and Dams                                                                                    | ...                          | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Clearing floor wood Jams                                                                                           | Little Bonnechere            | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Clearing 130 acres of a Farm, and depot at the Cascades                                                            | Little Madawaska             | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Clearing Byer's Creech                                                                                             | ...                          | *600  | 0 0   |         |         |                                           |  |
|                             |                               |                   | Slides and Booms, Black River Chute                                                                                | ...                          | 25    | 0 0   | 985     | 0 0     | *£500 of this deducted in recapitulation. |  |
|                             |                               |                   | Blasting Bear rapid                                                                                                | Black River                  | 125   | 0 0   |         |         |                                           |  |
|                             |                               |                   | Blasting at the Manitow rapids                                                                                     | ...                          | 25    | 0 0   |         |         |                                           |  |
| J. Wadsworth and others ... | Jas. Wadsworth and others ... | 1842,43           | Clearing the floor wood Jam, blasting, building, Dams and Slides                                                   | Highland Creek, R. Madawaska | 25    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Clearing 2nd Chute Bonnechere River Farm                                                                           | ...                          | 185   | 0 0   |         |         |                                           |  |
|                             |                               |                   | Dams and Booms, High Falls, Ragger Chute and Chains rapids                                                         | ...                          | *100  | 0 0   |         |         |                                           |  |
|                             |                               |                   | Boom, Ducheen                                                                                                      | R. Madawaska                 | 125   | 0 0   |         |         |                                           |  |
|                             |                               |                   | Dam and Slide, on Colton's Chute                                                                                   | ...                          | 20    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Blasting and Booms, Wolf's Canal, Hilans and Pabury Chute                                                          | R. Madawaska                 | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   | Blasting and Booms, Snake rapids                                                                                   | Do                           | 150   | 0 0   |         |         |                                           |  |
|                             |                               |                   |                                                                                                                    | ...                          | 50    | 0 0   |         |         |                                           |  |
|                             |                               |                   |                                                                                                                    | ...                          |       |       |         |         |                                           |  |
|                             |                               |                   |                                                                                                                    | ...                          |       |       |         |         |                                           |  |

RETURN of Improvements made, by private Individuals, on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.                | By whom made.                                                                | When constructed or effected. | Description of Improvements or Saw Mill.                                                          | Locality.                                               | Cost. |       | Totals. |       | Remarks.                                       |
|-------------------------------|------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------|-------|---------|-------|------------------------------------------------|
|                               |                                                                              |                               |                                                                                                   |                                                         | £     | s. d. | £       | s. d. |                                                |
| J. Wadsworth and others ..... | Jas. Wadsworth and others ...                                                | 1842,43                       | Booms upon the River in different places                                                          | R. Madawaska                                            | 25    | 0 0   |         |       |                                                |
|                               |                                                                              | "                             | Slide at Colton's Chute                                                                           | "                                                       | 15    | 0 0   |         |       |                                                |
|                               |                                                                              | "                             | Company's Works                                                                                   | "                                                       | 465   | 0 0   |         |       |                                                |
|                               |                                                                              | "                             | Dams and Booms                                                                                    | "                                                       | 25    | 0 0   |         |       |                                                |
| Stephen Burritt               | Stephen Burritt ...                                                          | "                             | Slides, Dams and Booms                                                                            | Carp River...                                           | 150   | 0 0   |         |       |                                                |
|                               |                                                                              | "                             | Mississippi Branch Farm Depot, clearing River.                                                    | Ghalk River                                             | *660  | 0 0   |         |       | *£100 of this sum deducted in re-capitulation. |
|                               |                                                                              | 1849                          | Saw Mill, with 4 Saws, capable of cutting 1500 logs, Standard                                     | { Lot No. 26, 1st Concession<br>Town of Marlborough ... | 600   | 0 0   |         |       |                                                |
|                               |                                                                              | 1851                          | Saw Mill, with three Saws, capable of cutting 200,000 1-M.                                        | { Lot No. 25, 1st Concession<br>Town of Marlborough ... | 300   | 0 0   |         |       |                                                |
| A. McDonell.                  | Alex. McDonell...                                                            | 1839                          | Paid C. and S. McDonell my share of making Dam and Slide on the Little Bonnechere above Peterrane | Rounds Lake                                             | 50    | 0 0   |         |       |                                                |
|                               |                                                                              | 1845                          | Making road from Bonnechere to Peterrane                                                          | R. Bonnechere                                           |       |       |         |       |                                                |
|                               |                                                                              | "                             | Less paid by C. and S. McD. and Martin Morris                                                     | "                                                       |       |       |         |       |                                                |
|                               |                                                                              | "                             | 50 1 11                                                                                           | "                                                       |       |       |         |       |                                                |
| A. McDonell.                  | Alex. McDonell & John Egan & Co. Alex. McDonell ...                          | 1846                          | Making Dam and Slide on 4th Chute of the                                                          | "                                                       | 63    | 12 9½ |         |       |                                                |
|                               |                                                                              | 1846                          | Making a Boom at Lake Trarere                                                                     | River Bonnechere                                        | 106   | 2 5   |         |       |                                                |
|                               |                                                                              | 1847                          | Making a Dam and Slide on 3rd Chute of the                                                        | River Peterrane                                         | 110   | 0 0   |         |       |                                                |
|                               |                                                                              | 1847                          | Paid C. and S. McD. my share of Improvements on the                                               | River Bonnechere                                        | 227   | 12 3  |         |       |                                                |
|                               |                                                                              | 1848                          | Improving Dam and Slide at 3rd Chute of the (R. Bonnechere)                                       | River Peterrane                                         | 15    | 2 4   |         |       |                                                |
|                               |                                                                              | 1847,8,9                      | Making Slides and Dams on the...                                                                  | Bonnechere                                              | 16    | 14 5  |         |       |                                                |
|                               |                                                                              | 1849                          | Repairing Dam and Slide on 3rd Chute...                                                           | Little Bonnechere                                       | 1540  | 0 0   |         |       |                                                |
|                               |                                                                              | 1849                          | Repairing and making Dam and Slide on 4th Chute of the                                            | River Bonnechere                                        | 25    | 13 7  |         |       |                                                |
|                               |                                                                              | "                             | Making Side Dam at Cedars                                                                         | River Bonnechere                                        | 59    | 15 2  |         |       |                                                |
|                               |                                                                              | 1851                          | Making glancing Dam at Cascades                                                                   | "                                                       | 11    | 0 7   |         |       |                                                |
| 1851                          | Repairing dam and Slide on 3rd Chute                                         | "                             | 57                                                                                                | 3 10                                                    |       |       |         |       |                                                |
| 1852                          | Paid Louis Catens' share of Improvements on the Making Farm and Improvements | River Peterrane               | 25                                                                                                | 0 0                                                     |       |       |         |       |                                                |
| 1852                          | Making Farm and Improvements                                                 | River Peterrane               | 540                                                                                               | 0 8                                                     |       |       |         |       |                                                |
|                               |                                                                              |                               |                                                                                                   |                                                         |       |       | 2868    | 11 6  |                                                |

## RETURN of Improvements made, by private Individuals, on the Ottawa, and its Tributaries, &amp;c.—(Continued.)

| By whom owned.    | By whom made.                 | When constructed or effected. | Description of Improvements or Saw Mill.                                                   | Locality.             | Cost. |       | Totals. |       | Remarks.                     |
|-------------------|-------------------------------|-------------------------------|--------------------------------------------------------------------------------------------|-----------------------|-------|-------|---------|-------|------------------------------|
|                   |                               |                               |                                                                                            |                       | £     | s. d. | £       | s. d. |                              |
| Samuel Adams ...  | Samuel Adams ...              | 1834                          | Saw Mill, with one Saw, capable of cutting 2,500 logs, Standard ...                        | Allumettes Island ... | 450   | 0 0   | 450     | 0 0   |                              |
| J. B. Poupore ... | J. B. Poupore ...             | 1840                          | Saw Mill, with 2 Saws, capable of cutting 3000 logs, Standard ...                          | Chichester ...        | 600   | 0 0   |         |       |                              |
| "                 | J. B. Poupore ...             | 1852                          | Saw Mill, with one Saw, capable of cutting 2500 logs, Standard ...                         | Waltham ...           | 550   | 0 0   |         |       |                              |
| Wm. Radford ...   | Wm. Radford ...               | 1837                          | Saw Mill, with one Saw, capable of cutting 3000 logs, Standard ...                         | Clarendon ...         | 600   | 0 0   | 1150    | 0 0   |                              |
| Louis Brisard ... | Louis Brisard ...             | 1847                          | Saw Mill, with one Saw, capable of cutting 3000 logs, Standard ...                         | Litchfield ...        | 450   | 0 0   | 600     | 0 0   |                              |
| "                 | "                             | 1847                          | Saw Mill, with one Saw, capable of cutting 2500 logs, Standard ...                         | Calumet ...           | 500   | 0 0   | 950     | 0 0   |                              |
| John Tyrone ...   | John Tyrone ...               | 1848                          | Saw Mill, with one Saw, capable of cutting 3000 logs, Standard ...                         | Litchfield ...        | 450   | 0 0   | 450     | 0 0   |                              |
| H. Atkinson ...   | George Bessett ...            | 1834                          | Saw Mill, with two Saws, capable of cutting 6000 logs, Standard ...                        | Portage du Fort ...   | 2000  | 0 0   | 2000    | 0 0   |                              |
|                   | J. B. Poupore ...             | 1852                          | Slide at the...                                                                            | Black River ...       | 1200  | 0 0   |         |       |                              |
|                   | Sundry Persons...             | 1848                          | Slide at the...                                                                            | Coulonge River ...    | 1300  | 0 0   |         |       |                              |
| Hon. Thos McKay   | Thos. McKay and John McKinnon | 1848                          | Saw Mill, with 30 Saws, capable of cutting 25,000 logs, Standard ...                       | Rideau Falls ...      | 4000  | 0 0   |         |       |                              |
| "                 | Thos. McKay and John McKinnon | 1848, 49                      | Booms, Piers, and Wharves on the bank of the Ottawa River, and adjoining the Saw Mills ... | ...                   | 1000  | 0 0   |         |       |                              |
| James Skead ...   | James Skead ...               | 1847                          | Purchase of land at ...                                                                    | Sherbrooke Falls ...  | *300  | 0 0   | 5000    | 0 0   | *Deducted in recapitulation. |
| "                 | "                             | 1853                          | Slide, Canal, Booms, and Side Dams                                                         | "                     | 560   | 0 0   |         |       |                              |
| "                 | "                             | 1853                          | Booms and Side Dams at Oak Rapids, Eagle Portage and Dalhousie Lake ...                    | Mississippi River ... | 270   | 0 0   |         |       |                              |

RETURN of Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.   | By whom made.                                                                                                                                          | When constructed or effected. | Description of Improvements or Saw Mill.                                                                   | Locality.                                                                                                                  | Cost. |     |     | Totals.                                                                                                                                                                                                                                                                       | Remarks.                           |     |     |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----|-----|
|                  |                                                                                                                                                        |                               |                                                                                                            |                                                                                                                            | £     | s.  | d.  |                                                                                                                                                                                                                                                                               |                                    |     |     |
| James Skead ...  | James Skead ...                                                                                                                                        | 1853                          | Opening roads and preparation for further Improvements upwards ...                                         | River Mississippi<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" "<br>" " | 65    | 0   | 0   | £ s. d.<br>65 0 0<br>27 0 0<br>28 10 0<br>1250 10 0<br>65 0 0<br>115 0 0<br>100 0 0<br>30 0 0<br>*1175 0 0<br>937 0 0<br>95 0 0<br>27 10 0<br>850 0 0<br>275 0 0<br>35 0 0<br>72 10 0<br>175 0 0<br>180 0 0<br>25 0 0<br>80 0 0<br>*346 10 0<br>150 0 0<br>5984 0 0<br>25 0 0 | *£1000 deducted in recapitulation. |     |     |
|                  |                                                                                                                                                        | "                             | Boom, Chains, 12 cwt., 45s.                                                                                |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... |     |
|                  |                                                                                                                                                        | "                             | Excavation of Rock at Curry's Rapids and Little Chute ...                                                  |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Boom at Culaboga Lake, ...                                                                                 |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Dam at Table Rock, ...                                                                                     |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Boom head at High Falls, ...                                                                               |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Boom at Chain Rapids with Chains, ...                                                                      |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Depot and clearing 200 Acres Land with buildings                                                           |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Cutting and opening up of works from High Falls to the Forks above Park Lake, including Skead's Creek, ... |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Boom at the head of Mountain Chute, ...                                                                    |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Building Boom at De Chene Rapids ...                                                                       |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | "                             | Building Dam Slides, removing of rocks and clearing out of 12 miles at Skead's Creek, ...                  |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | 1845,6                        | Subscription to general improvement upon the River, ...                                                    |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | 1846                          | Improvements at Bell's Rapids, clearing out flood wood and removing of rocks, ...                          |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
|                  |                                                                                                                                                        | 1847                          | Booms at head of Bark Lake, ...                                                                            |                                                                                                                            | ...   | ... | ... |                                                                                                                                                                                                                                                                               |                                    | ... | ... |
| 1842 to 1853     | Purchase of extra Chains for Boom, ...                                                                                                                 | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| "                | Improvements at the Opango Branch, ...                                                                                                                 | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| "                | Subscription to building Slide at Colton's Chute, Depot at High Falls, rafting Booms, purchase of Land and building Store House, ...                   | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| 1848             | Paid Surveyors for defining Timber limits, ...                                                                                                         | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| 1844 to 1852     | Subscription to general improvements on the River                                                                                                      | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| 1852             | Our share of improvements made during Season 1851, to construct Dams, Piers and Booms on the Madawaska River in Company with others on said River, ... | ...                           | ...                                                                                                        | ...                                                                                                                        | ...   | ... |     |                                                                                                                                                                                                                                                                               |                                    |     |     |
| H. & J. Mair ... | Holmes Mair ...                                                                                                                                        |                               |                                                                                                            |                                                                                                                            |       |     |     |                                                                                                                                                                                                                                                                               |                                    |     |     |

RETURN of Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.                     | By whom made.                                      | When con-<br>structed or<br>effected. | Description of Improvements<br>or<br>Saw Mill.                                                                     | Locality.                                                                                                              | Cost. |       | Totals. |       | Remarks. |
|------------------------------------|----------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|-------|----------|
|                                    |                                                    |                                       |                                                                                                                    |                                                                                                                        | £     | s. d. | £       | s. d. |          |
| G. Bryson, W.<br>Dickson & others. | Wm. Dickson, G.<br>Bryson & Hugh<br>Carmichael ... | 1845                                  | 1 Slide 6 miles up the ... ..                                                                                      | Coulonge River<br>do<br>Coulonge River<br>do<br>River Coulonge ...<br>Deduct, included with<br>H. Carmichael & others. | 1500  | 0 0   | 819     | 0 0   |          |
|                                    |                                                    | "                                     | 1 Dam upon ... ..                                                                                                  |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | "                                     | 2 Booms, 3 Piers, and 1 Pier 2 miles from the<br>mouth of the ... ..                                               |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1846                                  | 1 Boom upon the ... ..                                                                                             |                                                                                                                        |       |       |         |       |          |
| Wm. Morris ...                     | Wm. Morris ...                                     | 1844                                  | 3 Piers and 2 Booms at the mouth of ... ..                                                                         | River Petewawe<br>... ..<br>... ..<br>... ..<br>... ..                                                                 | 800   | 0 0   | 1300    | 0 0   |          |
|                                    |                                                    | "                                     | Canal Lake St. Andrews, ... ..                                                                                     |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | "                                     | 3 Slides, Lake St. Andrews, ... ..                                                                                 |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1848 & 1852                           | 6 Abutments, 1 Slide and Dam, Blasting Rock,<br>&c., on the S. branch, ... ..                                      |                                                                                                                        |       |       |         |       |          |
| B. & C. McNab ...                  | D. H. Cass ...                                     | "                                     | Repairs on the above, ... ..                                                                                       | Ottawa ... ..                                                                                                          | 2500  | 0 0   | 2620    | 0 0   |          |
|                                    |                                                    | "                                     | My proportion of the improvements at the<br>mouth of the River for Dams, &c., ... ..                               |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1852                                  | Steam Saw Mill, with Saws<br>1 60 fs.<br>1 50<br>1 edge,<br>2 vms long,<br>capable of cutting 12,000 logs standard |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1852                                  | 1 Boom and 2 Piers at the Mill, ... ..                                                                             |                                                                                                                        |       |       |         |       |          |
| Baxter Bowman ...                  | Baxter Bowman                                      | 1825                                  | 1 Boom with 200 feet with appurtenances, ... ..                                                                    | River du Lièvre<br>(County of Ottawa)                                                                                  | 100   | 0 0   | 1000    | 0 0   |          |
|                                    |                                                    | 1830                                  | 1 Boom 400 feet, Pins, Chains, &c., ... ..                                                                         |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1825                                  | 1 Dwelling and Out Houses, Farm Improvements,<br>1 Plank Slide, 1 ½ miles long, ... ..                             |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1847                                  | Improvements at head of Slide with a Boom 300<br>feet, Piers, Chains, &c., ... ..                                  |                                                                                                                        |       |       |         |       |          |
| Baxter Bowman ...                  | Baxter Bowman                                      | 1827                                  | 1 Boom of 400 feet, &c., &c., ... ..                                                                               | }                                                                                                                      | 2000  | 0 0   | 2000    | 0 0   |          |
|                                    |                                                    | 1845                                  | 1 Pier 360 feet long, with a Boom of 200 feet                                                                      |                                                                                                                        |       |       |         |       |          |
|                                    |                                                    | 1824                                  | Chains and Appurtenances, ... ..                                                                                   |                                                                                                                        |       |       |         |       |          |
| Baxter Bowman ...                  | Baxter Bowman                                      | 1824                                  | Buckingham Mills, capable of sawing 400 Standard<br>Deal logs per day, ... ..                                      | }                                                                                                                      | 300   | 0 0   | 300     | 0 0   |          |
|                                    |                                                    | 1825                                  | 1 Saw Mill with 15 Saws, ... ..                                                                                    |                                                                                                                        |       |       |         |       |          |



RETURN of Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.   | By whom made. | When constructed or effected. | Description of Improvements or Saw Mill.                                                          | Locality.                                     | Cost.                                        |       | Totals. |       | Remarks.                          |                                   |
|------------------|---------------|-------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------|-------|---------|-------|-----------------------------------|-----------------------------------|
|                  |               |                               |                                                                                                   |                                               | £                                            | s. d. | £       | s. d. |                                   |                                   |
|                  |               | 1825                          | 1 Main Boom above the Mills, 1000 feet with Appurtenances, ...                                    | Rivier du Lièvre, (County of Ottawa.)         | 250                                          | 0 0   |         |       |                                   |                                   |
|                  |               | 1826                          | 1 Plank Slide below the Mill, ¼ mile in length,                                                   |                                               |                                              | 250   | 0 0     |       |                                   |                                   |
|                  |               | 1830                          | 1 Grist Mill 2 run of stone, ...                                                                  |                                               |                                              | *750  | 0 0     |       |                                   | *Deducted in re-<br>capitulation. |
|                  |               | 1835                          | 1 Saw Mill with 25 Saws, ...                                                                      |                                               |                                              | 3000  | 0 0     |       |                                   |                                   |
|                  |               |                               | Repairs of do. to date ...                                                                        |                                               |                                              | 1000  | 0 0     |       |                                   |                                   |
|                  |               | 1841                          | 1 Saw Mill with 20 Saws, ...                                                                      |                                               |                                              | 3000  | 0 0     |       |                                   |                                   |
|                  |               |                               | Repairs of same to date, ...                                                                      |                                               |                                              | 1000  | 0 0     |       |                                   |                                   |
|                  |               | 1842                          | 1 New Main Boom 1000 feet long with 4 large Piers, Chains, &c., ...                               |                                               |                                              | 1000  | 0 0     |       |                                   |                                   |
|                  |               | 1843                          | 1 New Plank Slide from Mills to Moulmett Basin, ...                                               |                                               |                                              | 500   | 0 0     |       |                                   |                                   |
|                  |               | 1852                          | Gas Works for lighting Mills, ...                                                                 |                                               |                                              | 250   | 0 0     |       |                                   |                                   |
|                  |               | 1825 to 1853                  | Buckingham Mills continued, Farm Buildings, &c. constructed for the use of the Establishment, ... |                                               |                                              | 3000  | 0 0     |       |                                   |                                   |
|                  |               | 1852                          | 1 Log Slide 500 feet long with Bulkhead, Piers, &c., ...                                          |                                               | First Falls above Mills.                     | 300   | 0 0     |       |                                   |                                   |
| Baxter Bowman... | Baxter Bowman | 1840                          | 1 Boom 300 feet, Chains and Appurtenances, ...                                                    |                                               | { Smith's Point, 3 miles above the Mills ... | 100   | 0 0     |       |                                   |                                   |
|                  |               |                               | 1 Retaining Boom 2560 feet long, 2 Piers, Chains, &c., ...                                        |                                               | { ...                                        | 1000  | 0 0     |       |                                   | *Deducted in re-<br>capitulation. |
|                  |               | 1842                          | Farm of 400 acres and improvements, ...                                                           |                                               | { Long rapids, 25 miles above Mills, ...     | *500  | 0 0     |       |                                   |                                   |
|                  |               |                               | 1 Boom 300 feet long with Chains, ...                                                             | { High Falls, 30 miles above the Mills ...    | 150                                          | 0 0   |         |       |                                   |                                   |
|                  |               | 1833                          | 1 Log Slide 2180 feet long, the original outlay being the sum of ...                              | { ...                                         | 3460                                         | 0 0   |         |       |                                   |                                   |
|                  |               |                               | Additional Improvements to date, ...                                                              | { ...                                         | 1500                                         | 0 9   |         |       |                                   |                                   |
|                  |               |                               | Farm of 150 Acres with Out Buildings and other improvements, ...                                  | { ...                                         | *1000                                        | 0 0   |         |       | *Deducted in re-<br>capitulation. |                                   |
|                  |               |                               | 1 Main Boom of 400 feet with heavy Chains, Piers, &c., ...                                        | { ...                                         | 500                                          | 0 0   |         |       |                                   |                                   |
|                  |               |                               | 1 Side conducting Boom of 300 feet with Chains, ...                                               | { ...                                         | 100                                          | 0 0   |         |       |                                   |                                   |
|                  |               | 1850                          | 1 Boom 300 feet with Chains, ...                                                                  | { R. de Sueur, 45 miles above the Mills ...   | 100                                          | 0 0   |         |       |                                   |                                   |
|                  |               | 1851                          | Blasting and improving this Tributary, ...                                                        | { ...                                         | 25                                           | 0 0   |         |       |                                   |                                   |
|                  |               | 1845 to 1852                  | Farm of 100 Acres improved with Out Buildings, ...                                                | { Iroquois Farm, 50 miles above the Mills ... | *500                                         | 0 0   |         |       | *Deducted in re-<br>capitulation. |                                   |

RETURN of Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.    | By whom made.    | When constructed or effected. | Description of Improvements or Saw Mill.                                                                                                                                                                                   | Locality.                                      | Cost. |       | Totals. |       | Remarks.                     |
|-------------------|------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------|-------|---------|-------|------------------------------|
|                   |                  |                               |                                                                                                                                                                                                                            |                                                | £     | s. d. | £       | s. d. |                              |
|                   |                  | 1852 to 1853                  | 1 Boom of 200 feet, ...                                                                                                                                                                                                    | River Serpent, 50 miles above Mills. ...       |       |       |         |       |                              |
|                   |                  | 1840                          | Blasting in Rapids and improving Streams, ...                                                                                                                                                                              | ... ..                                         | 25    | 0     | 0       |       |                              |
|                   |                  | 1841                          | 1 Main Boom 400 feet with supporting Chains, ...                                                                                                                                                                           | Lac des Sables, 60 miles from Mills ...        | 50    | 0     | 0       |       |                              |
| Baxter Bowman...  | Baxter Bowman    | 1841                          | 150 Acres Land under improvement, with Out Buildings, &c., for the use of the Establishment, ...                                                                                                                           | Long Islands Farm, }<br>75 miles from Mills. } | *1000 | 0     | 0       |       | *Deducted in recapitulation. |
|                   |                  | 1840                          | 1 Main Boom 300 feet long, ...                                                                                                                                                                                             | ... ..                                         | 90    | 0     | 0       |       |                              |
|                   |                  | 1840                          | 200 Acres Land improved with Out Buildings for the use of the Establishment, ...                                                                                                                                           | Femme Rouge Farm, }<br>90 miles from Mills. }  | *1000 | 0     | 0       |       | *Deducted in recapitulation. |
|                   |                  | 1824                          | Sundry improvements upon the River and Tributaries to date ...                                                                                                                                                             | ... ..                                         | 1000  | 0     | 0       | 33810 | 0                            |
|                   |                  |                               | In the years antecedent to 1849, several Slides on limits known as Grant's Creek and annual repairs thereto, about...                                                                                                      | ... ..                                         |       |       |         |       |                              |
| John Egan & Co... | William Stuart.. |                               | Booms, Blasting Rocks and partial improvements on other limits for several years prior to 1849. Making a Farm and erecting Buildings near Grant's Creek, which may now be considered nearly worth the money, say about ... | Grant's Creek ...                              | 850   | 0     | 0       |       |                              |
|                   |                  |                               | Saw Mill with 14 Saws, capable of cutting 30,000 feet, also Dams, Booms, Piers, &c., ...                                                                                                                                   | River & Township of }<br>Onslow ... }          |       |       |         | 1500  | 0                            |
|                   |                  | 1846                          | Saw Mill with three Saws, capable of cutting 6000 feet, ...                                                                                                                                                                | Bonnechere, Gratton...                         | 3740  | 10    | 9       |       |                              |
|                   |                  | 1847                          | Saw Mill with 2 Saws, capable of cutting 4000 feet, ...                                                                                                                                                                    | ... ..                                         | 752   | 6     | 4       |       |                              |
|                   |                  | 1843 to 52                    | See Appendix (A,) Slides, Dams, &c., ...                                                                                                                                                                                   | Little Bonnechere ...                          | 558   | 8     | 2       |       |                              |
|                   |                  | 1847 "                        | Do. (B,) Do., ...                                                                                                                                                                                                          | Quis River ...                                 | 3246  | 13    | 2       |       |                              |
|                   |                  | 1837 "                        | Do. (C,) Do., ...                                                                                                                                                                                                          | Little Bonnechere River ...                    | 8162  | 13    | 7       |       |                              |
| John Egan & Co... | John Egan & Co.  | 1844 "                        | In connection with others, Dams, Slides, &c., do.                                                                                                                                                                          | Mouth of L. Bonnechere ...                     | 350   | 0     | 0       |       |                              |
|                   |                  | 1844 "                        | See Appendix (E,) Slides, Dams, &c., do.                                                                                                                                                                                   | Madawaska River ...                            | 1640  | 18    | 7       |       |                              |
|                   |                  | 1846 "                        | Do. (F,) do., ...                                                                                                                                                                                                          | York Branch River ...                          | 1358  | 16    | 3       |       |                              |
|                   |                  | 1837 "                        | Do. (G,) do., ...                                                                                                                                                                                                          | Opiongo River ...                              | 1450  | 5     | 9       |       |                              |
|                   |                  | 1849 "                        | Dam, Apron and Slide, ...                                                                                                                                                                                                  | Hird's Creek ...                               | 756   | 16    | 5       |       |                              |
|                   |                  |                               |                                                                                                                                                                                                                            | Byer's Creek ...                               | 205   | 13    | 7       |       |                              |

Return of Improvements made by private Individuals on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.   | By whom made.                                                       | When constructed or effected. | Description of Improvements or Saw Mill.                                                    | Locality.                                                                | Cost.                                                               |             | Totals. |       | Remarks. |
|------------------|---------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------|-------------|---------|-------|----------|
|                  |                                                                     |                               |                                                                                             |                                                                          | £                                                                   | s. d.       | £       | s. d. |          |
| John Egan & Co   | John Egan & Co                                                      | 1849 to 52                    | In connection with others; Dams, Piers, Booms, and Slides, ...                              | River Dumour                                                             | 1862                                                                | 0 0         |         |       |          |
|                  |                                                                     | 1845                          | Glancing Dam, ...                                                                           | Fils de gras Creek                                                       | 650                                                                 | 10 4        |         |       |          |
|                  |                                                                     | 1847                          | See Appendix (F.) Dams, Slides, &c., Do.                                                    | Bear Creek                                                               | 1108                                                                | 3 6         |         |       |          |
|                  |                                                                     | 1841                          | Do. (C.) Do.                                                                                | Grant & Bissett's Creek                                                  | 1446                                                                | 11 10       |         |       |          |
|                  |                                                                     | 1843                          | Dams, Piers, Booms and Slides, ...                                                          | Black River                                                              | 657                                                                 | 0 0         |         |       |          |
|                  |                                                                     | 1845                          | See Appendix (D.) ...                                                                       | Schyen River                                                             | 924                                                                 | 1 2         |         |       |          |
|                  |                                                                     | 1838                          | Do. (F.) ...                                                                                | Chalk River                                                              | 1153                                                                | 7 4         |         |       |          |
|                  |                                                                     | 1847                          | Canalizing and Blasting, ...                                                                | McGillivray's Creek                                                      | 186                                                                 | 2 2         |         |       |          |
|                  |                                                                     | 1846                          | Do. do. ...                                                                                 | Colton's Creek                                                           | 145                                                                 | 0 11        |         |       |          |
|                  |                                                                     | 1837                          | Do. do. ...                                                                                 | Bonnechere, 3rd Chute.                                                   | 210                                                                 | 4 3         |         |       |          |
| John A. Cameron. | John A. Cameron.                                                    | 1838                          | Do. do. ...                                                                                 | Bonnechere, 4th do                                                       | 260                                                                 | 3 8         |         |       |          |
|                  |                                                                     | 1852                          | Saw Mill with 28 Saws, capable of cutting 30,000 logs Standard, ...                         | { River Blanch, Locha-ber, Cty. of Ottawa                                | 2500                                                                | 0 0         |         |       |          |
|                  |                                                                     | "                             | Carding and Felling Mill...                                                                 | "                                                                        | *300                                                                | 0 0         |         |       |          |
|                  |                                                                     | "                             | Road from Ottawa to Mills, 1 1/2 mile Turnpiked...                                          | "                                                                        | 200                                                                 | 0 0         |         |       |          |
|                  |                                                                     | 1855 to 1850                  | Saw Mill with 26 Saws, capable of cutting 15000 logs, Standard, ...                         | { Bear Brook R., To: of Cumberland (Leonard's Creek,) Town of Cumberland | 750                                                                 | 0 0         |         |       |          |
|                  |                                                                     | 1852 to 1853                  | Saw Mill with 5 Saws, capable of Cutting 2000 logs, Standard, ...                           | "                                                                        | 275                                                                 | 0 0         |         |       |          |
|                  |                                                                     | 1835 to 1850                  | Slide, Dam and Boom                                                                         | "                                                                        | 80                                                                  | 0 0         |         |       |          |
|                  |                                                                     | "                             | Dam, ...                                                                                    | "                                                                        | 103                                                                 | 0 0         |         |       |          |
|                  |                                                                     | "                             | Boom, ...                                                                                   | "                                                                        | 15                                                                  | 0 0         |         |       |          |
|                  |                                                                     | G. G. Dunning.                | G. G. Dunning                                                                               | 1853                                                                     | Saw Mill with 4 Saws, capable of cutting 10,000 logs, Standard, ... | Big Blanche | 700     | 0 0   | 1225     |
| 1813             | Saw Mill with 25 Saws capable of cutting 40,000 logs, Standard, ... |                               |                                                                                             | Plantagenet                                                              | 4000                                                                | 0 0         | 700     | 0 0   |          |
| Peter McMartin   | Richard B. Hall                                                     | 1840                          | Slide, Dam, Boom, Pier, ...                                                                 | "                                                                        | 1500                                                                | 0 0         |         |       |          |
|                  |                                                                     | "                             | Other improvements for lumbering operations, ... Also further expenditure for improvements. | "                                                                        | 300                                                                 | 0 0         |         |       |          |
| Alonzo Wright    | { H. Merrill for Wm. Fanner & A. Wright                             | 1840                          | Saw Mill with 26 Saws capable of cutting 40,000 logs, Standard, ...                         | River Gatineau                                                           | 200                                                                 | 0 0         | 6000    | 0 0   |          |
|                  |                                                                     | 1844                          | Saw Mill with 26 Saws, capable of cutting 40000 logs, Standard, ...                         | "                                                                        | 1600                                                                | 0 0         |         |       |          |
| G. B. Hall       | Wm. Fanner, J. & A. Wright                                          | 1840                          | logs, Standard, ...                                                                         | River Gatineau                                                           | 1700                                                                | 0 0         |         |       |          |
|                  |                                                                     | 1842                          | Slide, at ...                                                                               | Bank of Gatineau                                                         | 1200                                                                | 0 0         |         |       |          |
|                  |                                                                     |                               |                                                                                             | Cherry Creek...                                                          | 150                                                                 | 0 0         |         |       |          |

\*Deducted in recapitulation.

RETURN of Improvements made, by Private Individuals, on the Ottawa, and its Tributaries, &c.—(Continued.)

| By whom owned.                               | By whom made.               | When constructed or effected. | Description of Improvements or Saw Mill.                                                        | Locality.            | Cost. |       | Totals. |       | Remarks.                                         |
|----------------------------------------------|-----------------------------|-------------------------------|-------------------------------------------------------------------------------------------------|----------------------|-------|-------|---------|-------|--------------------------------------------------|
|                                              |                             |                               |                                                                                                 |                      | £     | s. d. | £       | s. d. |                                                  |
| J. B. Hall                                   | Wm. Fanner, J. & A. Wright. | 1846                          | 2 Slides on ...                                                                                 | Stag Creek           | ...   | ...   | ...     | ...   | (H. Carmichael. £1037 17 10<br>Sundries. 984 8 5 |
|                                              |                             | 1840                          | 5 Dams, at Mills, on ...                                                                        | River Gatineau       | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             | "                             | 1 Large Boom at foot of ...                                                                     | High Falls           | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             | "                             | 1 Large Boom above ...                                                                          | High Falls           | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             | 1845                          | 1 Boom on Landing, ...                                                                          | High Falls           | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             | 1841 & 1842                   | 2 Piers at foot of ...                                                                          | High Falls           | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             | 1848                          | Small Pier and Boom on ...                                                                      | River Gatineau       | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Expenditure on River Gatineau in connection with the Gatineau Association, ...                  | ...                  | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Improvements on Creek ...                                                                       | River Gatineau       | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Roads and Slides on ...                                                                         | Blue Sea Creek       | ...   | ...   | ...     | ...   |                                                  |
| H. Carmichael and others                     | H. Carmichael and others    | 1844                          | 4 Piers above ...                                                                               | High Falls           | ...   | ...   | ...     | ...   | 13075 0 0                                        |
|                                              |                             | "                             | Making Boom ...                                                                                 | ...                  | ...   | ...   | ...     |       |                                                  |
|                                              |                             | "                             | Building a Wharf ...                                                                            | ...                  | ...   | ...   | ...     |       |                                                  |
|                                              |                             |                               | Also blasting Stones, Powder, repairing and sharpening Tools, &c. ...                           | ...                  | ...   | ...   | ...     |       |                                                  |
|                                              |                             |                               | Building a Pier ...                                                                             | ...                  | ...   | ...   | ...     |       |                                                  |
|                                              |                             |                               | Rafting Boom at ...                                                                             | Jackanonn            | ...   | ...   | ...     |       |                                                  |
|                                              |                             | 1844 & 45                     | Making Piers and Booms at the mouth of ...                                                      | Coulonge River       | ...   | ...   | ...     |       |                                                  |
|                                              |                             | 1847                          | Dam to cross the ...                                                                            | High Falls           | ...   | ...   | ...     |       |                                                  |
|                                              |                             | "                             | Cutting 25 miles of Road from the High Falls to a point, 15 miles up the East Branch of the ... | Coulonge River       | ...   | ...   | ...     |       |                                                  |
|                                              |                             | 1847                          | Constructing Boom on the East Branch ...                                                        | ...                  | ...   | ...   | ...     |       |                                                  |
| Gilmour & Co                                 | Gilmour & Co, and others    | "                             | 2 Side Dams ...                                                                                 | ...                  | ...   | ...   | ...     | ...   | 2022 6 3                                         |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Petite Nation  | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Madawaska      | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Madawaska      | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Improvements upon the ...                                                                       | Hilton's Creek...    | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Slides and Booms ...                                                                            | River Fetewawe       | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Improvements upon the Do ...                                                                    | River Coulonge       | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Amable du Fond | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Improvements upon the ...                                                                       | River Soveyor        | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               |                                                                                                 | ...                  | ...   | ...   | ...     | ...   |                                                  |
| Wm. Byers<br>Gerr. McCrea<br>Peter Robertson | Gilmour & Co, and others    |                               | Slides, Booms and Piers ...                                                                     | River Madawaska      | ...   | ...   | ...     | ...   | 1000 0 0                                         |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Madawaska      | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Improvements upon the ...                                                                       | Hilton's Creek...    | ...   | ...   | ...     | ...   |                                                  |
|                                              |                             |                               | Slides and Booms ...                                                                            | River Fetewawe       | ...   | ...   | ...     | ...   |                                                  |
| Gilmour & Co                                 | Gilmour & Co, and others    |                               | Improvements upon the ...                                                                       | River Coulonge       | ...   | ...   | ...     | ...   | 50 0 0                                           |
|                                              |                             |                               | Slides, Booms and Piers ...                                                                     | River Amable du Fond | ...   | ...   | ...     | ...   |                                                  |
| C. C. Symmes                                 | C. C. Symmes                |                               | Improvements upon the ...                                                                       | River Soveyor        | ...   | ...   | ...     | ...   | 1500 0 0                                         |
|                                              |                             |                               |                                                                                                 | ...                  | ...   | ...   | ...     | ...   |                                                  |

|                                                                                                                                                     |          |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|---|
| Total of the foregoing Sheets...                                                                                                                    | £344,595 | 2  | 3 |
| Deduct for Farms, Grist Mills, &c., connected with lumbering establishments occasionally introduced by the parties in their detailed statements ... | 12,871   | 10 | 0 |
| Total Expenditure in Saw Mills and Improvements for the descent of Timber ...                                                                       | £331,723 | 12 | 3 |

A. J. RUSSELL.

Quebec, 21st May, 1853.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | £       | s. | d. | £     | s. | d. | £    | s. | d. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|----|-------|----|----|------|----|----|
| ...1847...<br>Saw Mill, capable of cutting 80,000 Standard Logs annually ...<br>Other improvements, viz: a Slide for Planks, upwards of 3 miles in length, Piers and Booms and Slides on Tributaries of the Gatineau ...<br>Saw Mill, capable of cutting 30,000 saw logs annually ...<br>Saw Mill, capable of cutting 40,000 logs annually ...<br>Do on Clay Creek ...<br>Plank and Log Slides above and below the Mills with Booms, Piers, &c. ...<br>Other buildings, clearances and improvements above the Mills ...<br>Slides, Booms, Piers up the River, including improvements at High Falls ...<br>Slides and other improvements ...<br>5 Dams below Mud Lake ...<br>5 Slides ...<br>Saw Mill, capable of cutting 16,000 logs annually ...<br>Saw Mill, capable of cutting 10,000 logs annually ...<br>Saw Mill, capable of cutting 8000 logs annually, do 10,000 ...<br>Saw Mill, at the Chats Falls ...<br>Saw Mill, capable of cutting 9,000 logs annually ...<br>Saw Mill, capable of cutting 20,000 saw logs ...<br>Saw Mill, do 30,000 ... | 25000   | 0  | 0  | 12643 | 0  | 0  | 7500 | 0  | 0  |
| River Gatineau ...<br>Do & Tributaries ...<br>Lower R. Blanche ...<br>R. du Lièvre ...<br>Do ...<br>Do ...<br>Do ...<br>Do ...<br>R. Gatineau & Tributaries...<br>Township of Oso ...<br>Do ...<br>Little Chaudiere Falls,<br>River Ottawa...<br>Do at Bytown ...<br>Do Decheue Rapids ...<br>Township of Ottawa...<br>River Ottawa...<br>R. Blanche ...<br>Upper R. Blanche ...<br>N. Naton River ...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 58843   | 0  | 0  | 9450  | 0  | 0  | 1750 | 0  | 0  |
| Commenced by<br>Blasdel & com-<br>pleted by Messrs<br>Gilmour & Co...<br>A. McBean &<br>Thos. Wilson.<br>Messrs. Hamil-<br>ton Bros: ...<br>S. Bigelow ...<br>Thos. McGoey ...<br>Austin Russell &<br>S. M. Andrews }<br>Nicholas Sparks...<br>J. Thomson ...<br>L. M. Coutlée ...<br>A. & J. McCaul...<br>A. R. McDonell...<br>Messrs. Daniel &<br>Babcock }<br>J. Perkins }<br>A. Cook ...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32341   | 0  | 0  | 4000  | 0  | 0  | 100  | 0  | 0  |
| Total...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | £344595 | 2  | 3  |       |    |    |      |    |    |

AYLMER, OTTAWA,  
14th February, 1851.

A. J. Russell, Esquire,  
Surveyor of Crown Timber Licenses,  
Bytown.

SIR,—In compliance with your circular of the 2nd instant, asking for statements shewing the improvements made by us, and in connection with others, on the Ottawa and its tributaries for lumbering purposes, we herewith enclose you the accompanying Documents made out as accurately as possible, which will afford you all the information in our power.

We have expended on the Quio and Bonnechère Rivers, in Saw Mills, to the amount of five thousand and fifty-one pounds five shillings and three pence currency.—(£5051 5s. 3d.)

On the following Tributaries we have constructed sixteen thousand seven hundred and nine feet (16709 feet) of dams, piers, slides, &c. The average height of Dams, about nine feet, made of solid square timber and log work, on the most approved system. The slides are all of square timber and planked 4½ inch sawn stuff. The cost of which, including blasting and various expenses in clearing the streams, amounts to twenty-five thousand seven hundred and seventy-five pounds two shillings and six pence currency, (£25775 2s. 6d.) as per following statements:

|                                                                                                                                                                       |             | £      | s. | D  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|----|----|
| <i>Quio</i> —As per Appendix A, Mill Dams, Slides, Aprons, &c.,.....                                                                                                  | 3408 feet.  | 3246   | 13 | 2  |
| <i>Little Bonnechère</i> —Appendix B. The plan of this and shewing the levels herewith, in order to give some idea of the magnitude of the work,.....                 | 6019 “      | 8162   | 12 | 7  |
| <i>Mouth of the Little Bonnechère</i> —In connection with others                                                                                                      |             | 350    | 0  | 0  |
| <i>York Branch</i> —Appendix E. In dams, slides, piers, &c.,                                                                                                          | 995 “       | 1358   | 16 | 3  |
| <i>Opiongo River</i> —Appendix E, .....                                                                                                                               | 355 “       | 1450   | 5  | 9  |
| <i>Madawaska River</i> —In connection with others, reference to Public Documents will explain, copies of which are to be found at the Board of Works Department. .... |             | 1640   | 18 | 7  |
| <i>Huds' Creek</i> —Appendix D,.....                                                                                                                                  | 806 “       | 756    | 16 | 5  |
| <i>Byers' Creek</i> .....                                                                                                                                             | 430 “       | 205    | 13 | 7  |
| <i>River DuMoine</i> —In connection with others, a Joint Stock Company for improvements up that River,.....                                                           |             | 1682   | 0  | 0  |
| <i>Fils de Gras Creek</i> ,.....                                                                                                                                      | 240 “       | 650    | 10 | 4  |
| <i>Bear Creek</i> ,.....                                                                                                                                              | 734 “       | 1108   | 3  | 6  |
| <i>Grant's and Bissett's Creek</i> —Appendix C, .....                                                                                                                 | 2887 “      | 1446   | 11 | 10 |
| <i>Black River</i> —In connection with others .....                                                                                                                   |             | 657    | 0  | 0  |
| <i>Schyen River</i> —Appendix D, slides, dams and blasting, ...                                                                                                       | 390 “       | 924    | 1  | 2  |
| <i>Chalk River</i> —Appendix I. Blasting, cutting out River,                                                                                                          | 445 “       | 1153   | 7  | 4  |
| <i>McGillivray's Creek</i> —Black River, .....                                                                                                                        |             | 186    | 2  | 2  |
| <i>Colton's Creek</i> , do do .....                                                                                                                                   |             | 145    | 0  | 11 |
| <i>Bonnechère, 3rd Chute</i> —In connection with others.....                                                                                                          |             | 210    | 4  | 3  |
| <i>Bonnechère, 4th Chute</i> —In connection with others .....                                                                                                         |             | 260    | 3  | 8  |
|                                                                                                                                                                       | 16709 feet. | £25775 | 2  | 6  |

We cannot give the exact extent of the works constructed in connection with others as the amounts were contributed.

We particularly call your attention to the great outlay of capital invested by those in the Timber Trade generally on the tributary streams, to make them navigable for the descent of Timber. If such improvements were not constructed, there

could only be a limited quantity of Timber brought to market unless the Government would have made the Tributaries navigable,—which private enterprise has accomplished, and for which, the parties interested in such expenditure, have no reduction of duty, but have to pay the same amount as those who have not expended a six-pence, and too, in many instances, parties avail themselves of the improvements free of charge; these are facts which you are aware of. It must be borne in mind, that the slides and improvements on small streams are getting out of repair annually, and consequently require constant outlay, and in ten or twelve years have to be constructed anew. By referring to the Collection List you will find that nearly all the Revenue is collected from Timber cut on the Tributaries of the “Ottawa.” We have contributed annually to the Public Revenue of the Province, about six thousand pounds for many years past, to which may be added slide dues, as in the present year; say, two thousand five hundred and sixty-three pounds six shillings and three pence currency, making in all a total of about £8563 6s. 3d. currency.

We give constant employment in our establishment to about two thousand men, at an average rate of wages from \$14 to \$16 per month and board, who consume about six thousand barrels of Pork and ten thousand barrels of Flour. We employ about sixteen hundred horses and oxen during the winter, which consume about 60,000 bushels oats and provender, and twelve hundred tons of hay. The oats at average cost of two shillings and three pence delivered; hay, four pounds per ton; we thus give employment to hundreds of farmers in the Valley of the Ottawa.

The progress and prosperity of the country keeps pace only with the Trade; when it is depressed, all feel it alike. Timber may now be considered the chief Export of the country, and requires every encouragement to foster it.

We would not have troubled you with these statistics connected with our business, but feeling confident of the utter ignorance which prevails even in our country of the Timber Trade and its magnitude, we avail ourselves of this opportunity of placing at your disposal such information as we are possessed of.

There are other establishments as largely interested as we are who can give you similar information. We cannot close our remarks without mentioning, that the men employed in all departments are of sober habits and no liquor allowed them. The majority belong to the Temperance Society, and are most careful of their money.

We are your most obedient servants,

(Signed,) JOHN EGAN & Co.

Certified to be a true copy,

A. J. RUSSELL.

STATEMENT of Improvements for Lumbering Purposes by John Egan & Company.

SAW MILLS.

| When constructed | Where situated.                 | By whom constructed.                                                                     | No. of Saws. | No. of Logs it can cut, Standard. | Cost.                |
|------------------|---------------------------------|------------------------------------------------------------------------------------------|--------------|-----------------------------------|----------------------|
| 1846             | Quio, Township of Onslow ... .. | Selves, Amount carried out includes Dams, Booms, Piers, &c., Dall $\frac{1}{2}$ mile ... | 14           | 30,000 feet.                      | £ s. d.<br>3740 10 9 |
| 1849             | Bonnechère, Gratton ...         | Selves .. ..                                                                             | 3            | 6,000                             | 752 6 4              |
| 1849             | Little Bonnechère ...           | Do .. ..                                                                                 | 2            | 4,000                             | 558 8 2              |
|                  |                                 |                                                                                          |              | 40,000 feet.                      | 5051 5 3             |

STATEMENT of Improvements for Lumbering Purposes by John Egan & Company.—(Continued.)

OTHER IMPROVEMENTS.

| When constructed. | Slide, Dam, Boom, or Pier, where situated. | By whom constructed.                                                    | Length in feet. | Cost.                |
|-------------------|--------------------------------------------|-------------------------------------------------------------------------|-----------------|----------------------|
| 1843 to 51        | Quio River ... ..                          | Selves—See Appendix (A.) ...                                            | 3408            | £ s. d.<br>3246 13 2 |
| 1847 “            | Little Bonnehère River ... ..              | “ do do (B.) ...                                                        | 6019            | 8162 13 7            |
| 1837 “            | Mouth of L. Bonnehère Slide... ..          | “ In connection with others,<br>Dams, Slides, &c. ... ..                | ... ..          | 350 0 0              |
| 1844 “            | Madawaska River ... ..                     | “ do ... ..                                                             | ... ..          | 1640 18 7            |
| 1844 “            | York Branch River ... ..                   | “ See Appendix (E.) ... ..                                              | 995             | 1358 16 3            |
| 1846 “            | Opiongo River ... ..                       | “ do ... ..                                                             | 355             | 1450 5 9             |
| 1837 “            | Herd’s Creek ... ..                        | “ do (D.) ... ..                                                        | 806             | 756 16 5             |
| 1849 “            | Byers Creek ... ..                         | “ Dams, Apron & Slide ... ..                                            | 430             | 205 13 7             |
| 1849 “            | River du Moine ... ..                      | “ In connection with others,<br>Dams, Piers, Booms and<br>Slides ... .. | ... ..          | 1862 0 0             |
| 1845 “            | Fils de Gras Creek ... ..                  | “ Glancing Dam ... ..                                                   | 240             | 650 10 4             |
| 1847 “            | Bear Creek River ... ..                    | “ See Appendix (E.) ... ..                                              | 734             | 1108 3 6             |
| 1841 “            | Grants & Bessets Creek ... ..              | “ do (C.) ... ..                                                        | 2887            | 1446 11 10           |
| 1843 “            | Black River ... ..                         | “ In connection with others,<br>Dams, Piers, Booms and<br>Slides ... .. | ... ..          | 657 0 0              |
| 1845 “            | Schyen River ... ..                        | “ See Appendix (D.) ... ..                                              | 390             | 924 1 2              |
| 1838 “            | Chalk River ... ..                         | “ do (F.) ... ..                                                        | 445             | 1153 7 4             |
| 1847 “            | McGillivray’s Creek ... ..                 | “ Canalling & Blasting ... ..                                           | ... ..          | 186 2 2              |
| 1846 “            | Colton’s Creek ... ..                      | “ In connection with others. ... ..                                     | ... ..          | 145 0 11             |
| 1837 “            | Bonnehère, 3rd Chute ... ..                | ... ..                                                                  | ... ..          | 210 4 3              |
| 1838 “            | Do 4th Chute ... ..                        | “ do ... ..                                                             | ... ..          | 260 3 8              |
|                   |                                            |                                                                         | 16709           | 25775 2 6            |

Aylmer, Ottawa, 15th February, 1853. (Signed,) JOHN EGAN & Co.

A.  
QUION RIVER.

| When constructed. | Description of Improvements by J. Egan & Co.                              |
|-------------------|---------------------------------------------------------------------------|
| 1843.             | 1st Chute.....Dam 370 feet.....Slide 39 feet.                             |
| to                | 2nd Chute..... “ 237 “ ..... “ 293 “                                      |
| 1852.             | 3rd Chute ..... “ 280 “ ..... “ 340 “                                     |
|                   | High Falls..... “ 215 “ ..... “ 470 “                                     |
|                   | Ragged Chute..... “ 90 “ ..... “ 140 “                                    |
|                   | Crooked Chute..... “ 127 “ ..... “                                        |
|                   | Big Chute..... “ 90 “ ..... “ 275 “                                       |
|                   | Daly’s Rapids..... “ 92 “ ..... ..Apron 60 feet.                          |
|                   | do Reserve Dam. “ 290 “ .....                                             |
|                   | Dams 1791 feet. Slides 1557 ft. Apron 60 feet.                            |
|                   | Blasting and cutting 9 miles of flood-wood and brush.                     |
|                   | Clearing River (11 miles) and banks, each side 10 feet for that distance. |
|                   | 9 feet may be considered the average height of Dams.                      |
|                   | Cost of the above works..... £3246 13 2                                   |
|                   | Dams 1791 feet.                                                           |
|                   | Slides 1557 “                                                             |
|                   | Aprons 60 “                                                               |



B.  
LITTLE BONNECHERE RIVER.

| When constructed.         | Description of Improvements by J. Egan & Co. |                                               |
|---------------------------|----------------------------------------------|-----------------------------------------------|
| 1847                      | Section No. 1—                               | Dam 90 feet.....Slide 800 feet, 5½ feet wide. |
| to                        | “ “ 2—                                       | “ 80 “ ..... “ 1546 “                         |
| 1852.                     | “ “ 3—                                       | “ 60 “ glancing.                              |
|                           | “ “ 4—                                       | “ 80 “                                        |
|                           | “ “ 5—                                       | “ 60 “ ..... Apron 45 feet.                   |
|                           | “ “ 6—                                       | “ 66 “ ..... “ 110 “                          |
|                           | “ “ 7—                                       | “ 80 “ ..... “ 45 “                           |
|                           | “ “ 8—                                       | “ blasting.                                   |
|                           | “ “ 9—                                       | Dam 88 “ glancing.                            |
|                           | “ “ 10—                                      | “ 65 “ ..... Apron 48 “                       |
|                           | “ “ 11—                                      | “ 70 “ ..... “ 34 “                           |
|                           | “ “ 12—                                      | “ 90 “ floating.                              |
|                           | “ “ 13—                                      | “ 80 “ glancing.                              |
|                           | “ “ 14—                                      | “ 45 “ ..... Apron 40 “                       |
|                           | “ “ 15—                                      | “ 80 “ ..... “ 65 “                           |
|                           | “ “ 16—                                      | “ 35 “ ..... “ 40 “                           |
|                           | “ “ 17—                                      | “ 70 “ glancing.                              |
|                           | “ “ 18—                                      | “ 90 “                                        |
|                           | “ “ 19—                                      | “ 25 “ ..... Slide 120 feet.                  |
|                           | “ “ 20—                                      | “ “ ..... “ 20 “                              |
|                           | “ “ 21—                                      | “ 90 “ ..... “ 260 “                          |
|                           | “ “ 22—                                      | “ 140 “ ..... “ 180 “                         |
|                           | Crooked Shute Slide..... “ 750 “             |                                               |
|                           | Section No. 23—                              | Dam 200 “                                     |
|                           | “ “ 24—                                      | “ 180 “ 9 feet high. “ 60 “                   |
| Dams 1856 feet            |                                              | Slides 3736 ft. Aprons 427 feet.              |
| Total amount of Cost..... |                                              | <u>£8162 13 7</u>                             |

Blasting piers, booms and slides, and cutting out twelve miles of the River of flood-wood, and clearing ten feet wide on each side of the banks to enable the men to drive the Timber.

The accompanying plan of the works will give you some idea of its magnitude. It has taken four years to complete the works.

AYLMER, *December 30th, 1850.*

SIR,—I have received your letter of the 18th instant, wherein you ask my opinion as to what the works, on the Little Bonnechere, commenced by you and Alexander M'Donell, will cost when complete, according to the plan submitted.

In reply I beg to state that the improvements marked in the plan are in accordance with the levels taken, when I was on the spot, and when complete will, to the best of my judgment, cost the sum of six thousand pounds. I must, however, remark that these improvements on the plan are not sufficient to ensure the descent of any large quantity of timber for the following reasons: That the improvements being so near the source of the River and the Lakes that supply the Stream, and the descent and fall so rapid, that without reserving the water in the Lakes and River, so as to command the supply for passing the Timber after the snow-water

has run off, particularly as the Madawaska and Petewawe carry off the greater part of the water in the vicinity of the Bonnechere at this point.

I would remind you that when laying out the works on the plan, the following I considered absolutely necessary, namely—

From the upper point, marked on the plan, following the course of the stream to its source, at least three reserve Dams with Flood Gates and one Slide; and at the outlet of the six Lakes, one Reserve Dam, each with Flood Gates—those last will be on both sides of the River, from the Basin upwards; and when all those latter works are completed, you can command the water as you please, by shutting the Flood-gates every night, so that the water will not run off, and open them every morning when passing the Timber. This can be done without using the main supply in the Lakes, which in my opinion cannot be overlooked, as the main dependence to ensure the descent of the Timber.

This latter work will cost at least fifteen hundred pounds, amounting in all to the sum of seven thousand five hundred pounds.

I am, Sir,

Respectfully yours,  
(Signed,)

PETER AYLEN.

JNO. EGAN, Esq.,  
Aylmer.

A true copy from original.

(Signed,) A. THOMSON.

C.

GRANT'S & BISSET'S CREEKS.

| When constructed.              | Description of Improvements by J. Egan & Co.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From 1841 to the present time. | <p>C rocke Chute Slide—<br/>                     Dam 80 feet.....Slide 120 feet, 5 feet wide</p> <p>Patison Chute—<br/>                     Dam 26 " ..... " 70 " 4 " "</p> <p>3rd Shute—<br/>                     River Dam 8 " high.....Apron 40 feet<br/>                     Side Dam 4 " " 40 feet wide.</p> <p>Island Slide—<br/>                     Dam 32 " 6 ft. high. Slide 45 feet, 4 feet wide.</p> <p>4th Chute—<br/>                     Reserve Dam 40 " ..... " 150 " 4 "</p> <p>Rocky Chute—<br/>                     Dam 50 " 7 ft. high " 265 " 4 " "</p> <p>Mountain Slide—<br/>                     Dam 30 " ..... " 300 " 5 " "</p> <p>Little Chute Slide—<br/>                     Dam 26 " ..... " 90 " 4 " "</p> <p>Brook Slide—<br/>                     Dam 18 " 6 feet high.....Apron 45 feet, 4 feet wide.<br/>                     Reserve Dam 45 " 12 feet high..... " 45 " 4 " "</p> <p><i>All the above improvements are in the space of 3½ miles.</i></p> <p>Wing Dam—<br/>                     Dam 20 " 6 feet high</p> <p>Ragged Chute Slide—<br/>                     Dam 35 " .....Slide 230 feet, 4 feet wide.<br/>                     Reserve Dam 30 " 12 ft. high " 150 "<br/>                     Side Dam 50 " 6 " "</p> <p>8th Rapid—<br/>                     Dam 90 " 8 feet high.....Apron 25 feet, 4 feet high.</p> <p>9th Chute—<br/>                     Dam 45 " 8 " " .....Apron 25 "</p> <p>10th High Chute Slide—<br/>                     Dam 15 " 8 " " Slide 50 feet, 4 feet wide.</p> <p>11th Rapid—<br/>                     Dam 16 " 8 " " .....Apron 60 "</p> <p>12th Rapid—<br/>                     Dam 30 " 8 " " ..... " 26 "</p> <p>13th Rocky Chute—<br/>                     Dam 38 " 9 " " Slide 300 feet, 4 feet wide.</p> <p>Ling Lake Slide—<br/>                     Dam 45 " .....Apron 50 " 5 feet wide.</p> <p style="text-align: center;">Dams 801 feet. Slides 1770 ft. Aprons 316 feet.</p> |
|                                | <p>The above work, blasting, &amp;c., have cost us..... <u>£1446 11 10</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Many of the Slides, Dams, &c. were originally constructed by William Stewart, Esquire, and one Alexander Grant. The above sum is the amount expended by us in outlay of Capital up to this period.

Aylmer, Ottawa, 12th February, 1853.

Certified to be a true copy,

A. J. RUSSELL.

D.  
HERD'S CREEK.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                                                                |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1837<br>to<br>1852. | No. 1—Dam 90 feet.....Slide 215 feet.<br>“ 2— “ 83 “ ..... “ 240 “<br>“ 3— “ 215 “ ..... “ 63 “<br><br>Dams 288 feet. Slides 518 feet.<br>Blasting and cutting flood-wood.<br>Cost of the above works..... <u>£756 16 7</u> |

E.  
SCHYEN RIVER.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                                                                                     |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1845<br>to<br>1852. | 6 Dams..... 90 feet with flood-wood gates.....Apron 45 feet.<br>Reserve Dam..... 120 “ 18 feet high..... “ 40 “<br>By Lake Dam..... 95 “ with flood gates.<br><br>Dams 305 feet. Aprons 85 feet,<br>Cost of the above works..... <u>£924 1 2</u> |

Certified to be a true copy,  
A. J. RUSSELL.

F.  
YORK BRANCH.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                                                                                |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1846<br>to<br>1852. | Dam 80 feet.....Slide 390 feet.<br>Dam 75 “ ..... “ 200 “<br>Dam 70 “ ..... “ 180 “<br><br>Dams 225 feet. Slides 770<br>Great extent of blasting and cutting away flood-wood and canals.<br>Total cost of above work..... <u>£1358 16 3</u> |

G.  
OPONGO RIVER.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                              |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1846<br>to<br>1852. | Big Dam Reserve 240 feet with flood gates<br>8 Dams 70 " .....Aprons 45 feet.<br>Dams 310 feet.<br>With blasting and clearing River 8½ miles.<br>Total cost of above works..... £1450 5 9 |

Certified to be a true copy,  
A. J. RUSSELL.

H.  
BEAR RIVER.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1847<br>to<br>1852. | 1st Rapid.....Dam 60 feet.....Slide 240 feet.<br>2nd " ..... " 35 " .....Apron 45 feet.<br>3rd " ..... " 30 " ..... " 50 "<br>4th " ..... " 20 " ..... " 35 "<br>5th " .....Side Dam 40 "<br>6th " .....Glancing Dam 60 "<br>7th " ..... " " 36 "<br>8th " ..... " " 45 "<br>9th " ..... " " 38 "<br>Dams 364 feet. Slides 240 ft. Aprons 130 ft.<br>A large amount of blasting.<br>Total Cost of above works..... £1108 3 6 |

I  
CHALK RIVER.

| When constructed.   | Description of Improvements by J. Egan & Co.                                                                                                                                                                                                             |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1838<br>to<br>1852. | Dam..... 60 feet.....Slide 180 feet.<br>" ..... 70 " .....Apron 65 feet.<br>Glancing Dam 70 "<br>Dams 200 feet. Slides 180 feet. Aprons 65 feet.<br>Cutting three miles each side fifteen feet, blasting &c.<br>Total cost of above works..... £1353 7 4 |

Certified to be a true copy.  
A. J. RUSSELL.

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QUEBEC:

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